US Army Corps of Engineers

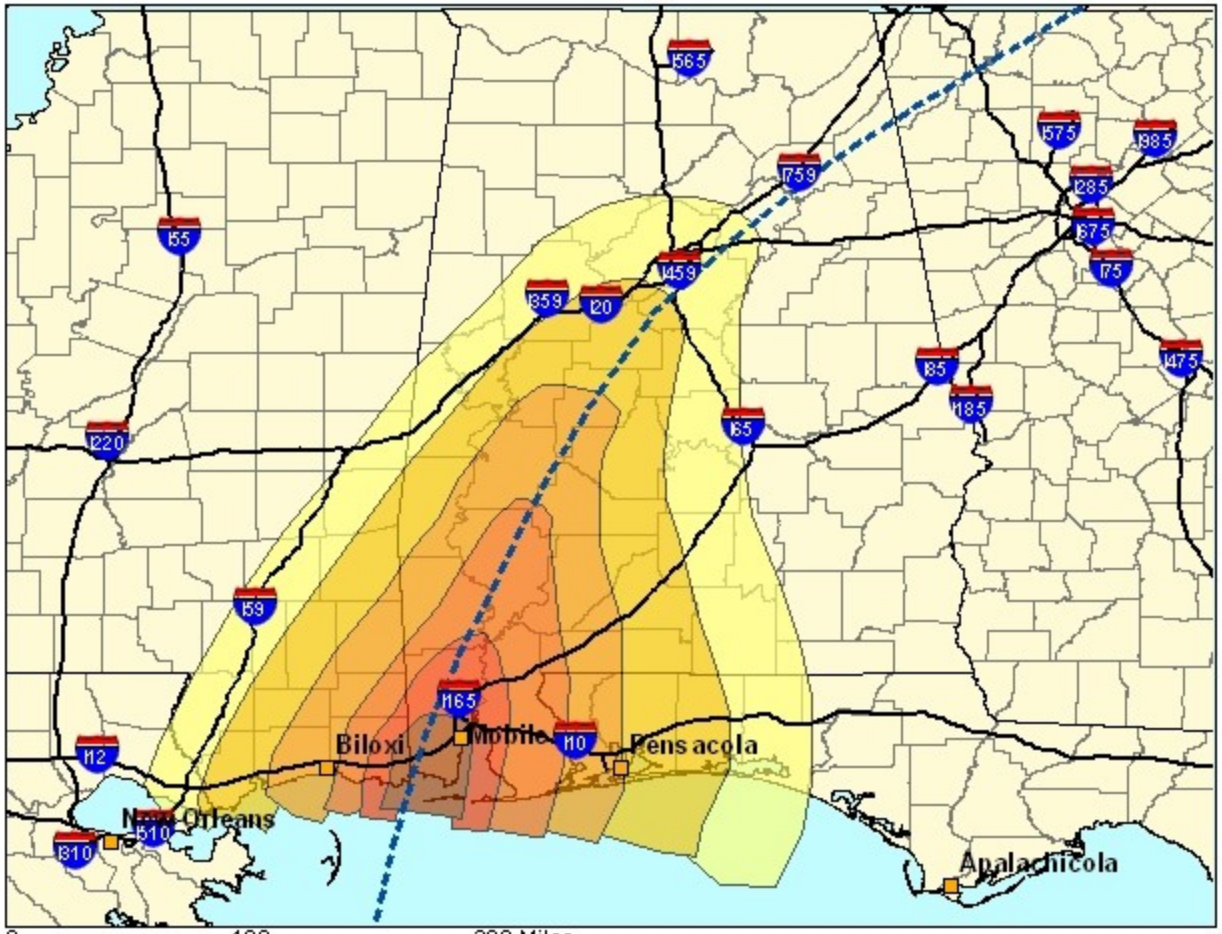
Hurricane Craig Projected Damage Areas

Landfall Plus About 6 Hours

For Official Use Only!

Post Landfall Projected Damage Areas

This model is based on a Category 5 storm making landfall near Mobile, AL.



Forecast Track

Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 5 storm making landfall near Mobile, AL. These projections are based on information from the NHC (1100 EDT 04/11/2007) forecast.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

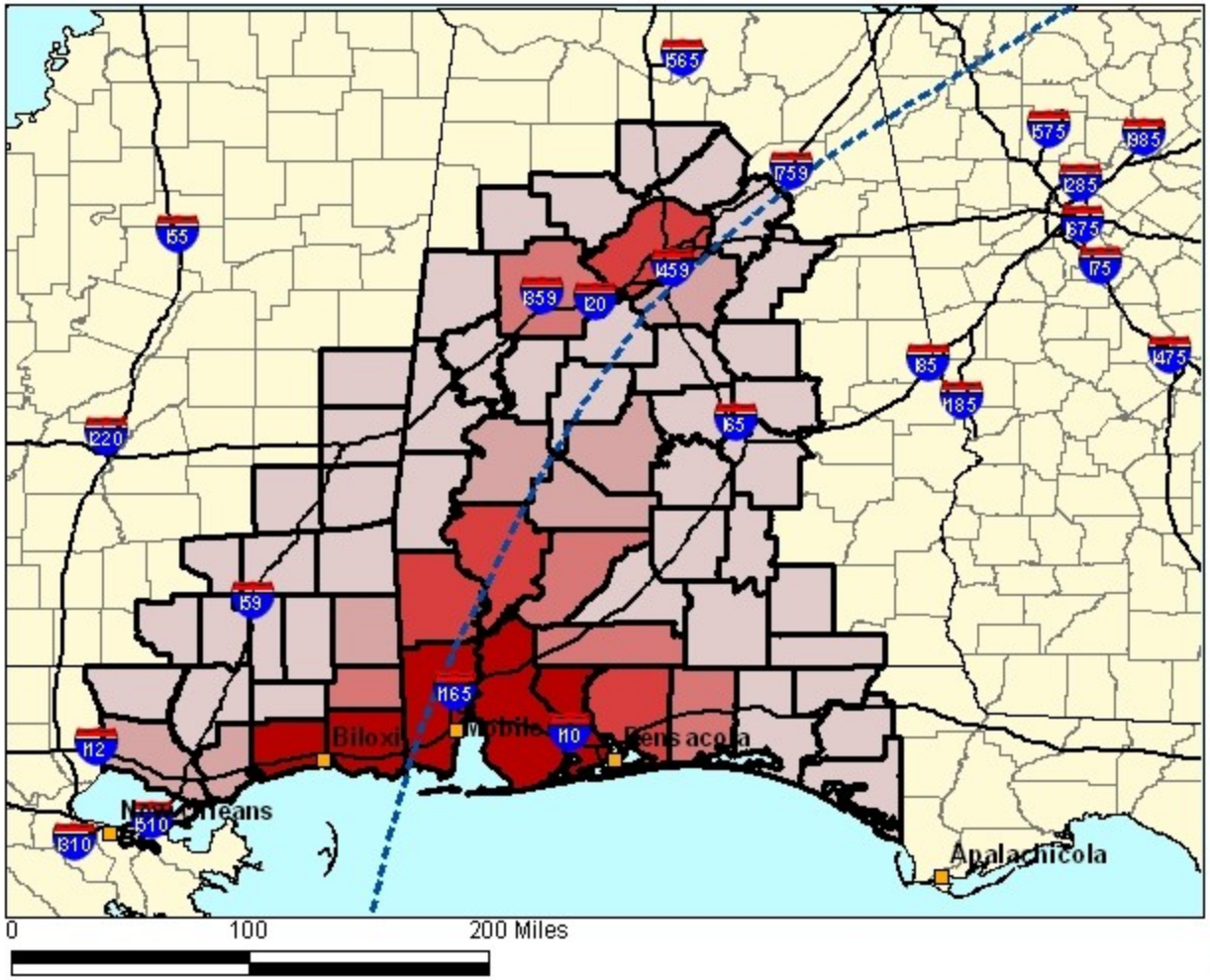
Hurricane Craig Projected Damage Areas	
Generated By: Siemsen, LRL 1130 EDT 04/11/2007	
Sources: HURREVAC LRL-DEBRIS	Page 1 of 16

US Army Corps of Engineers

Hurricane Craig Debris Model

Landfall Plus About 6 Hours

For Official Use Only!



Post Landfall Debris Model Results

Alabama - 39,237,000 Yards
Mississippi - 8,089,000 Yards
Florida - 3,635,000 Yards
Louisiana - 140,000 Yards

Model results per county on following page

This model is based on a Category 5 storm making landfall near Mobile, AL.

Forecast Track

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 5 storm making landfall near Mobile, AL. These projections are based on information from the NHC (1100 EDT 04/11/2007) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Craig Debris Model	
Generated By: Siemsen, LRL 1130 EDT 04/11/2007	
Sources: HURREVAC LRL-DEBRIS	Page 2 of 16

US Army Corps of Engineers

Hurricane Craig Debris Model

Landfall Plus About 6 Hours

For Official Use Only!

State	Yards per State	County	Yards per County
Alabama		Autauga	62,000
		Baldwin	6,459,000
		Bibb	53,000
		Blount	11,000
		Butler	41,000
		Chilton	65,000
		Choctaw	100,000
		Clarke	839,000
		Coffee	7,000
		Conecuh	63,000
		Coosa	3,000
		Covington	71,000
		Crenshaw	17,000
		Cullman	< 1,000
		Dallas	136,000
		Elmore	2,000
		Escambia	371,000
		Fayette	2,000
		Geneva	6,000
		Greene	28,000
		Hale	97,000
		Jefferson	835,000
		Lowndes	24,000
		Marengo	193,000
		Mobile	27,968,000
		Monroe	311,000
		Montgomery	6,000
		Perry	89,000
		Pickens	6,000
		Shelby	247,000
		St Clair	44,000
		Sumter	41,000

State	Yards per State	County	Yards per County
Alabama		Talladega	5,000
(continued)		Tuscaloosa	295,000
		Walker	39,000
		Washington	546,000
		Wilcox	155,000
Alabama	39,237,000		
Florida		Bay	< 1,000
		Escambia	2,387,000
		Holmes	3,000
		Okaloosa	484,000
		Santa Rosa	661,000
		Walton	100,000
		Washington	< 1,000
Florida	3,635,000		
Louisiana		Orleans	2,000
		St Tammany	136,000
		Washington	2,000
Louisiana	140,000		
Mississippi		Clarke	29,000
		Covington	< 1,000
		Forrest	91,000
		George	384,000
		Greene	156,000
		Hancock	129,000
		Harrison	1,472,000
		Jackson	5,385,000
		Jasper	8,000

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

Hurricane Craig Debris Model

Generated By:
Siemsen, LRL 1130 EDT 04/11/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Craig Debris Model

Landfall Plus About 6 Hours

For Official Use Only!

State	Yards per State	County	Yards per County
Mississippi		Jones	64,000
(continued)		Kemper	3,000
		Lamar	44,000
		Lauderdale	65,000
		Marion	< 1,000
		Pearl River	79,000
		Perry	48,000
		Stone	66,000
		Wayne	66,000
Mississippi	8,089,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Craig Debris Model

Generated By:
Siemsen, LRL 1130 EDT 04/11/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Craig Population Model

Landfall Plus About 6 Hours

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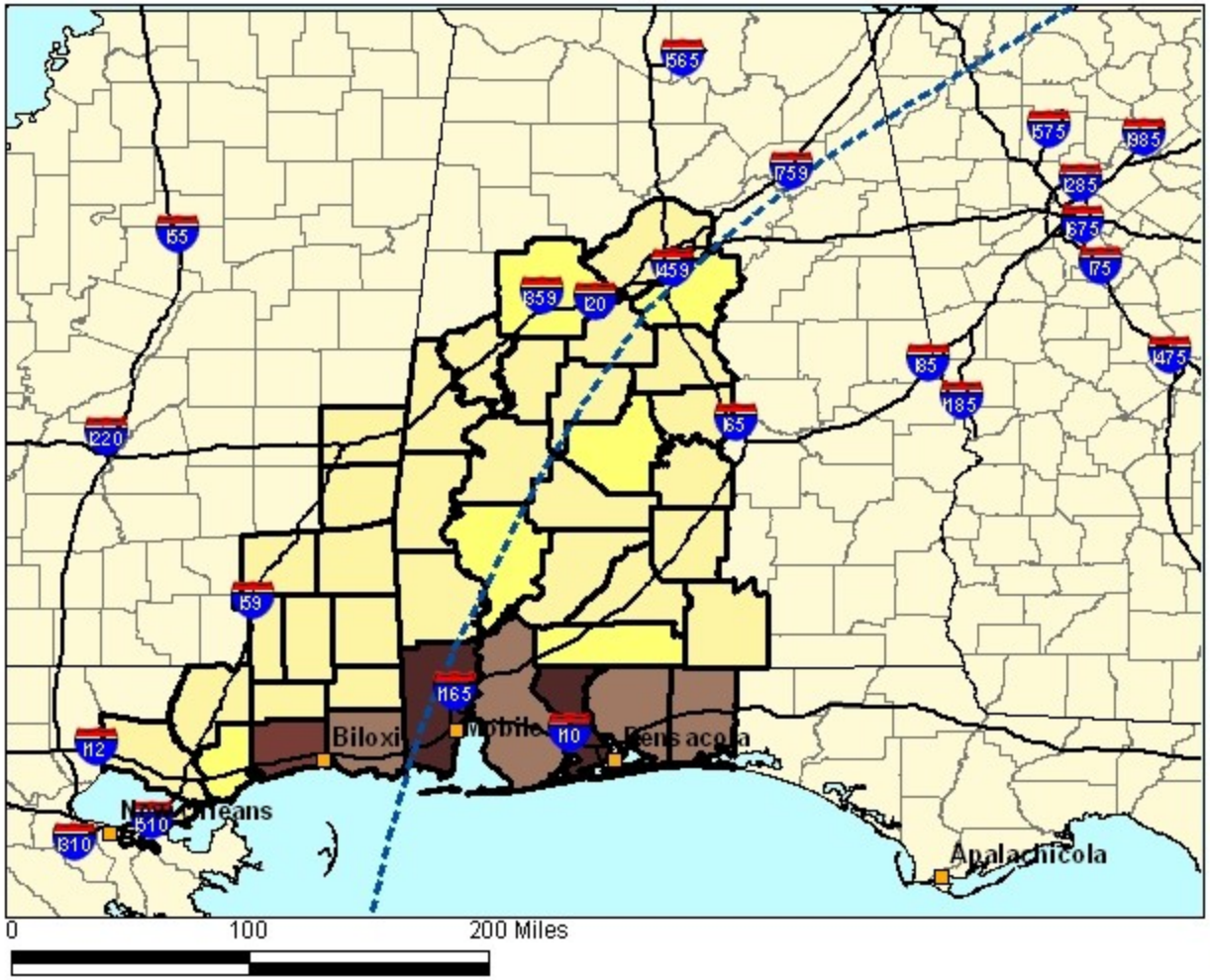


Post Landfall Population Model Results

Alabama - 988,000
Florida - 587,000
Mississippi - 469,000
Louisiana - 5,000

Model results per county on following page

This model is based on a Category 5 storm making landfall near Mobile, AL.

Forecast Track

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 5 storm making landfall near Mobile, AL. These projections are based on information from the NHC (1100 EDT 04/11/2007) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2005 values).

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Craig Population Model	
Generated By: Siemsen, LRL 1130 EDT 04/11/2007	
Sources: HURREVAC LRL-DEBRIS	Page 5 of 16

US Army Corps of Engineers

Hurricane Craig Population Model

Landfall Plus About 6 Hours

For Official Use Only!

State	Population per State	County	Population per County
Alabama		Autauga	1,000
		Baldwin	163,000
		Bibb	22,000
		Butler	5,000
		Chilton	12,000
		Choctaw	15,000
		Clarke	28,000
		Conecuh	14,000
		Covington	2,000
		Dallas	43,000
		Escambia	39,000
		Greene	5,000
		Hale	19,000
		Jefferson	17,000
		Lowndes	< 1,000
		Marengo	22,000
		Mobile	402,000
		Monroe	24,000
		Perry	12,000
		Shelby	49,000
		Sumter	7,000
		Tuscaloosa	56,000
		Washington	18,000
		Wilcox	13,000
Alabama	988,000		
Florida		Escambia	297,000
		Okaloosa	146,000
		Santa Rosa	144,000
Florida	587,000		
Louisiana		Orleans	< 1,000

State	Population per State	County	Population per County
Louisiana		St Tammany	5,000
Louisiana	5,000		
Mississippi		Clarke	3,000
		Forrest	5,000
		George	22,000
		Greene	14,000
		Hancock	46,000
		Harrison	194,000
		Jackson	136,000
		Jones	< 1,000
		Lauderdale	< 1,000
		Pearl River	4,000
		Perry	11,000
		Stone	15,000
		Wayne	19,000
Mississippi	469,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2005 values.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

Hurricane Craig Population Model

Generated By:
Siemsen, LRL 1130 EDT 04/11/2007

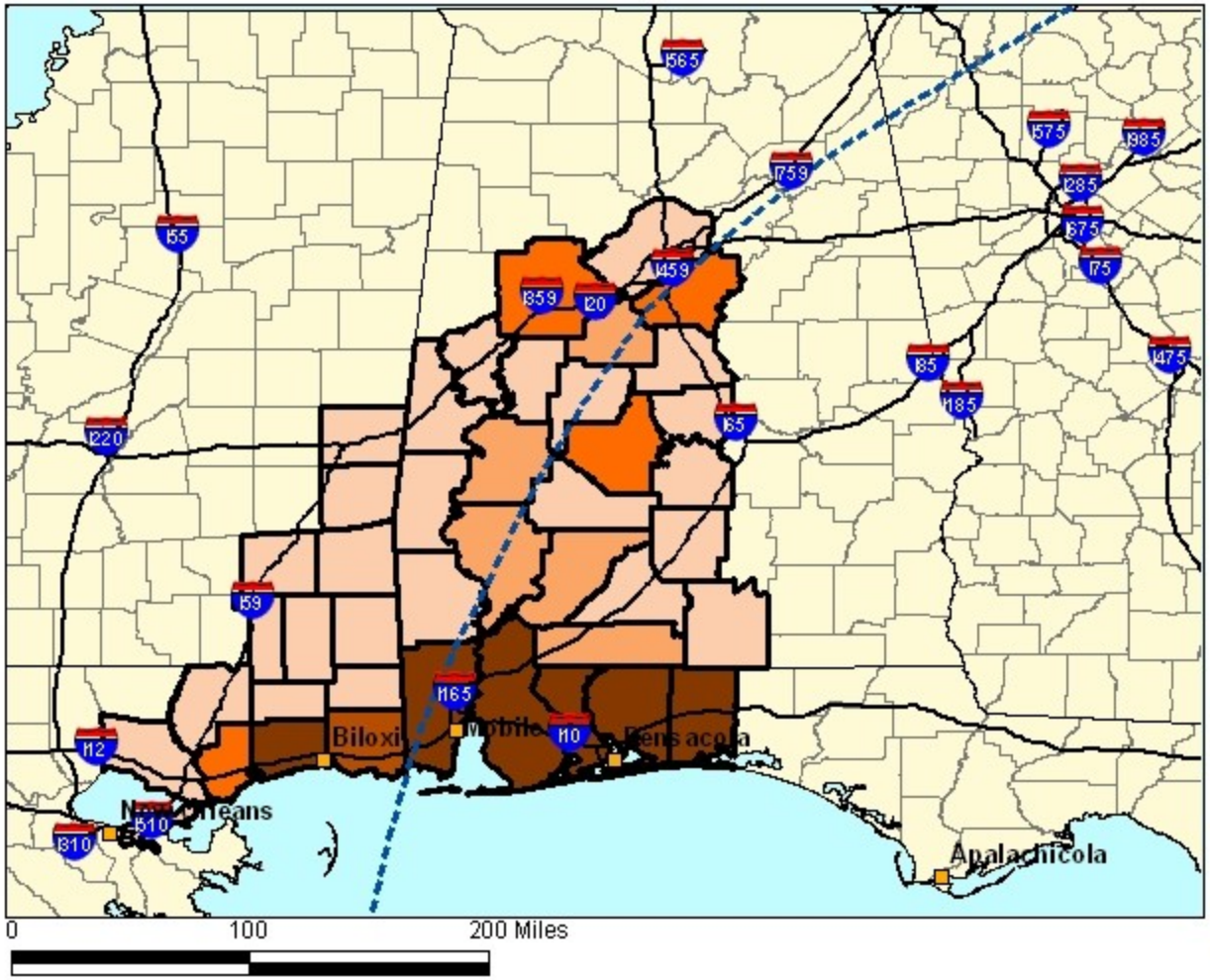
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Craig Households Model

Landfall Plus About 6 Hours

For Official Use Only!



Post Landfall Households Model Results

Alabama - 381,000
Florida - 223,000
Mississippi - 176,000
Louisiana - 2,000

Model results per county on following page

This model is based on a Category 5 storm making landfall near Mobile, AL.

Forecast Track

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 5 storm making landfall near Mobile, AL. These projections are based on information from the NHC (1100 EDT 04/11/2007) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2005 values).

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Craig Households Model	
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Sources: HURREVAC LRL-DEBRIS	Page 7 of 16

US Army Corps of Engineers

Hurricane Craig Households Model

Landfall Plus About 6 Hours

For Official Use Only!

State	Households per State	County	Households per County
Alabama		Autauga	< 1,000
		Baldwin	65,000
		Bibb	8,000
		Butler	2,000
		Chilton	5,000
		Choctaw	6,000
		Clarke	11,000
		Conecuh	6,000
		Covington	< 1,000
		Dallas	17,000
		Escambia	15,000
		Greene	2,000
		Hale	7,000
		Jefferson	7,000
		Lowndes	< 1,000
		Marengo	9,000
		Mobile	151,000
		Monroe	10,000
		Perry	5,000
		Shelby	18,000
		Sumter	3,000
		Tuscaloosa	22,000
		Washington	7,000
		Wilcox	5,000
Alabama	381,000		
Florida		Escambia	112,000
		Okaloosa	57,000
		Santa Rosa	54,000
Florida	223,000		
Louisiana		Orleans	< 1,000
Louisiana		St Tammany	2,000
Louisiana	2,000		
Mississippi		Clarke	< 1,000
		Forrest	2,000
		George	8,000
		Greene	5,000
		Hancock	18,000
		Harrison	74,000
		Jackson	50,000
		Jones	< 1,000
		Lauderdale	< 1,000
		Pearl River	2,000
		Perry	4,000
		Stone	6,000
		Wayne	7,000
Mississippi	176,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2005 values.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Craig Households Model

Generated By:
Siemsen, LRL 1130 EDT 04/11/2007

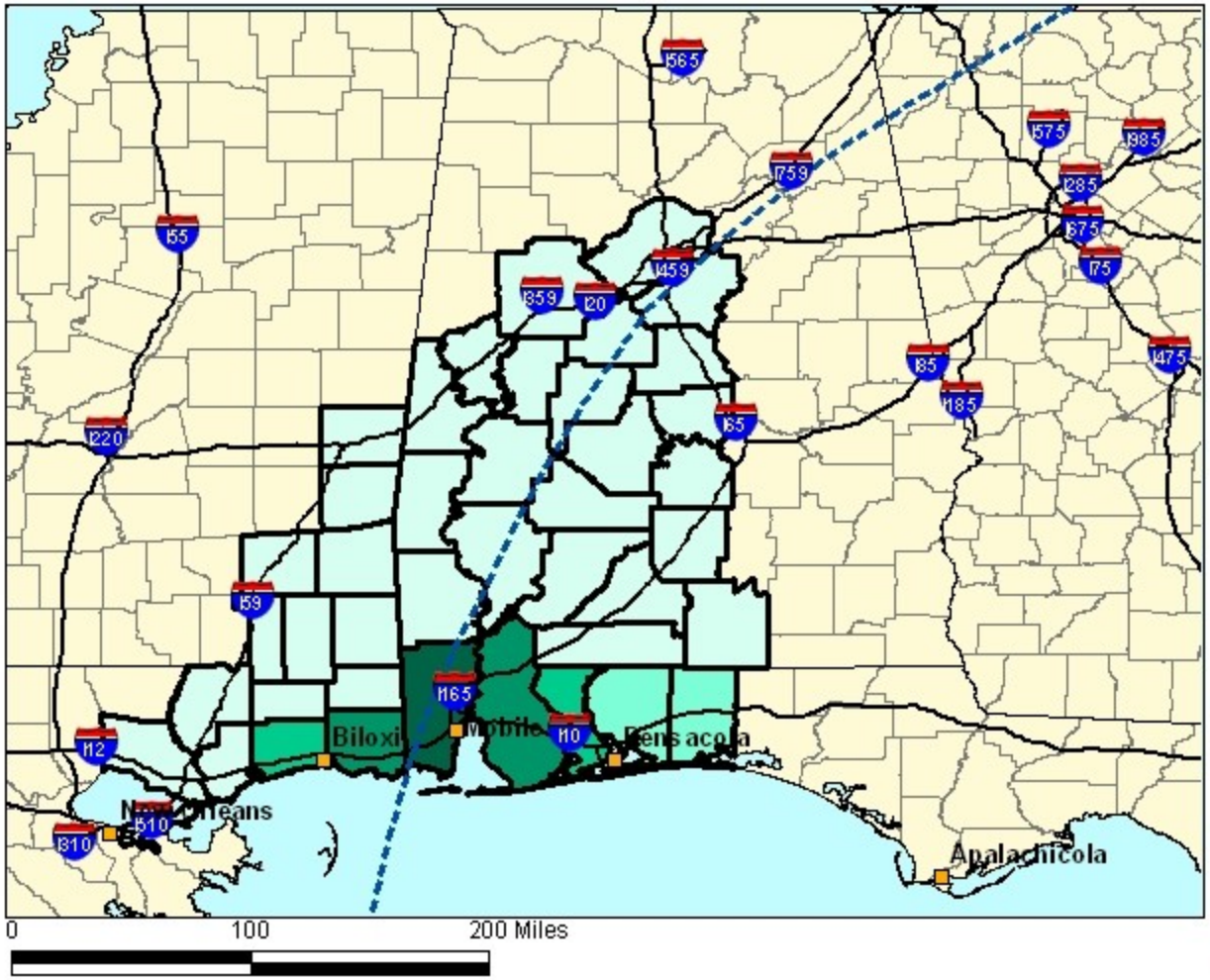
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Craig Commodities Model

Landfall Plus About 6 Hours

For Official Use Only!



Post Landfall Ice/Water Model Results

Day One / Day Two / Day Three
Alabama – 36/72/145 Truckloads
Mississippi – 13/26/52 Truckloads
Florida – 35/35/35 Truckloads
Louisiana – 2/2/2 Truckloads

Model results per county on following page

This model is based on a Category 5 storm making landfall near Mobile, AL.

Forecast Track

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 5 storm making landfall near Mobile, AL. These projections are based on information from the NHC ***(1100 EDT 04/11/2007)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements (8 pounds of ice per person per day) and SME input. The graphic represents single day needs with full distribution system in place and operating.
Details about this model may be obtained at **https://englink.usace.army.mil**
or contact ENGLink at 1-877-936-4546

Hurricane Craig Commodities Model	
Generated By: Siemsen, LRL 1130 EDT 04/11/2007	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Craig Commodities Model

Landfall Plus About 6 Hours

For Official Use Only!

State	Truckloads per State	County	Truckloads per County
Alabama		Autauga	1
		Baldwin	26
		Bibb	2
		Butler	1
		Chilton	1
		Choctaw	1
		Clarke	3
		Conecuh	1
		Covington	1
		Dallas	3
		Escambia	3
		Greene	1
		Hale	2
		Jefferson	1
		Lowndes	1
		Marengo	2
		Mobile	81
		Monroe	3
		Perry	1
		Shelby	2
		Sumter	1
		Tuscaloosa	3
		Washington	3
		Wilcox	1
Alabama	145		
Florida		Escambia	20
		Okaloosa	6
		Santa Rosa	9
Florida	35		
Louisiana		Orleans	1

State	Truckloads per State	County	Truckloads per County
Louisiana		St Tammany	1
Louisiana	2		
Mississippi		Clarke	1
		Forrest	1
		George	3
		Greene	1
		Hancock	3
		Harrison	15
		Jackson	22
		Jones	1
		Lauderdale	1
		Pearl River	1
		Perry	1
		Stone	1
		Wayne	1
Mississippi	52		

The amount of commodities forecasted is based on Mission Guide Book requirements (8 pounds of ice per person per day) and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system. This scenario is based on data from a power outage file ("H:\hurricane_models\Exercise runs\AL_gov_2007\power_out.shp"). The resident population with power outages will cause a need for ice and water.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Craig Commodities Model

Generated By:
Siemsen, LRL 1130 EDT 04/11/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Craig Temporary Housing Model

Landfall Plus About 6 Hours

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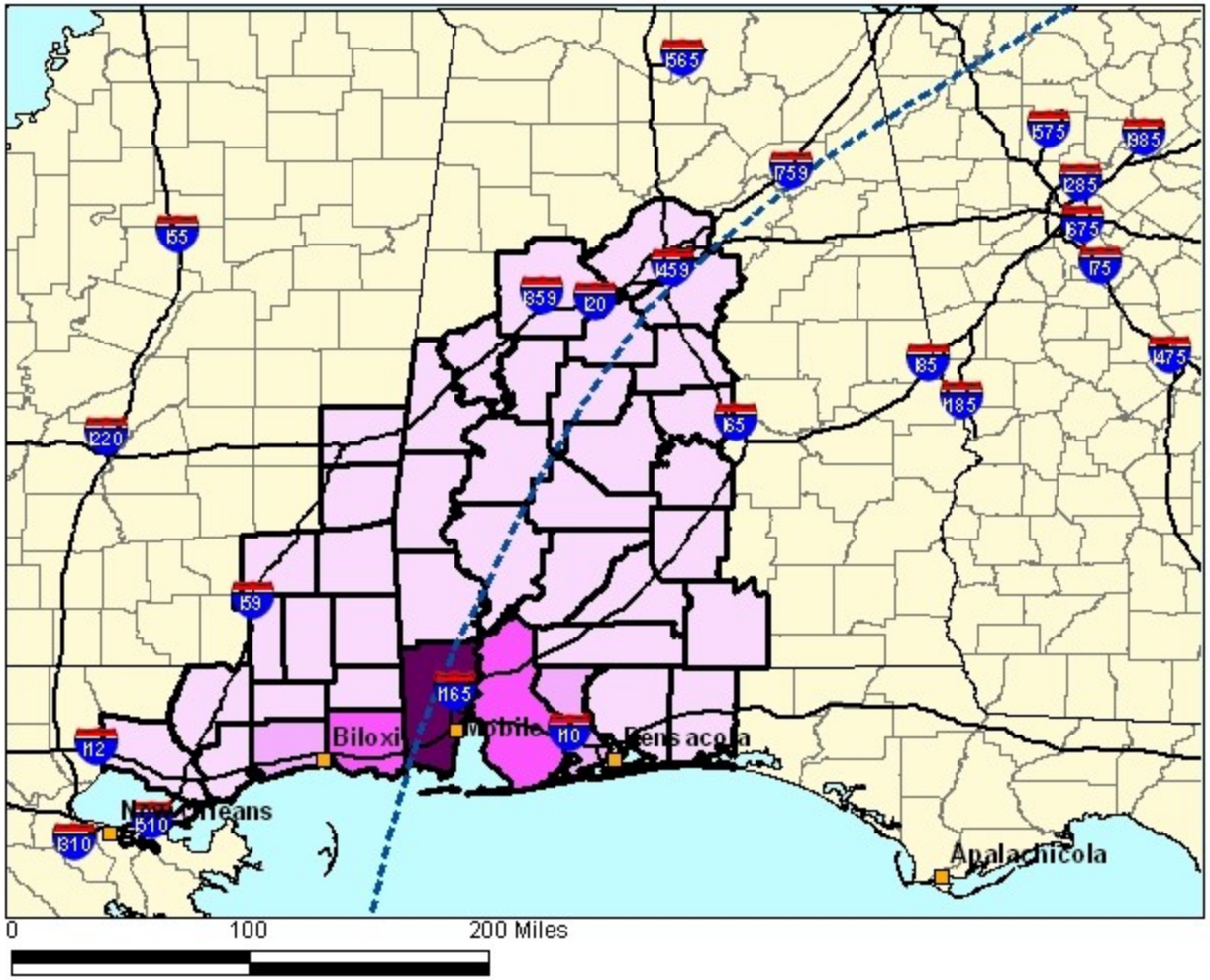

Post Landfall Temporary Housing Model Results

Alabama - 30,800
Mississippi - 7,400
Florida - 4,900

Model results per county on following page

This model is based on a Category 5 storm making landfall near Mobile, AL.

Forecast Track

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 5 storm making landfall near Mobile, AL. These projections are based on information from the NHC (1100 EDT 04/11/2007) forecast. Temporary housing is based on 1% in CAT 1, 3% in CAT 2, 6% in CAT 3, 10% in CAT 4 and 17% in CAT 5.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Craig Housing Model	
Generated By: Siemsen, LRL 1130 EDT 04/11/2007	
Sources: HURREVAC LRL-DEBRIS	Page 11 of 16

US Army Corps of Engineers

Hurricane Craig Temporary Housing Model

Landfall Plus About 6 Hours

For Official Use Only!

State	per State	County	per County
Alabama		Autauga	< 100
		Baldwin	4,800
		Bibb	< 100
		Butler	< 100
		Chilton	< 100
		Choctaw	< 100
		Clarke	600
		Conecuh	< 100
		Covington	< 100
		Dallas	200
		Escambia	500
		Greene	< 100
		Hale	200
		Jefferson	< 100
		Lowndes	< 100
		Marengo	300
		Mobile	22,700
		Monroe	400
		Perry	< 100
		Shelby	200
		Sumter	< 100
		Tuscaloosa	300
		Washington	400
		Wilcox	200
Alabama	30,800		
Florida		Escambia	3,400
		Okaloosa	600
		Santa Rosa	900
Florida	4,900		
Louisiana		Orleans	< 100

State	per State	County	per County
Louisiana		St Tammany	< 100
Louisiana			
Mississippi		Clarke	< 100
		Forrest	< 100
		George	400
		Greene	200
		Hancock	200
		Harrison	2,100
		Jackson	4,500
		Jones	< 100
		Lauderdale	< 100
		Pearl River	< 100
		Perry	< 100
		Stone	< 100
		Wayne	< 100
Mississippi	7,400		

THIS IS AN EXPERIMENTAL MODEL!!

Temporary housing is based on 1% in CAT 1, 3% in CAT 2, 6% in CAT 3, 10% in CAT 4 and 17% in CAT 5.

Details about this model may be obtained at https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

Hurricane Craig Housing Model

Generated By:
Siemsen, LRL 1130 EDT 04/11/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Craig Temporary Roofing Model

Landfall Plus About 6 Hours

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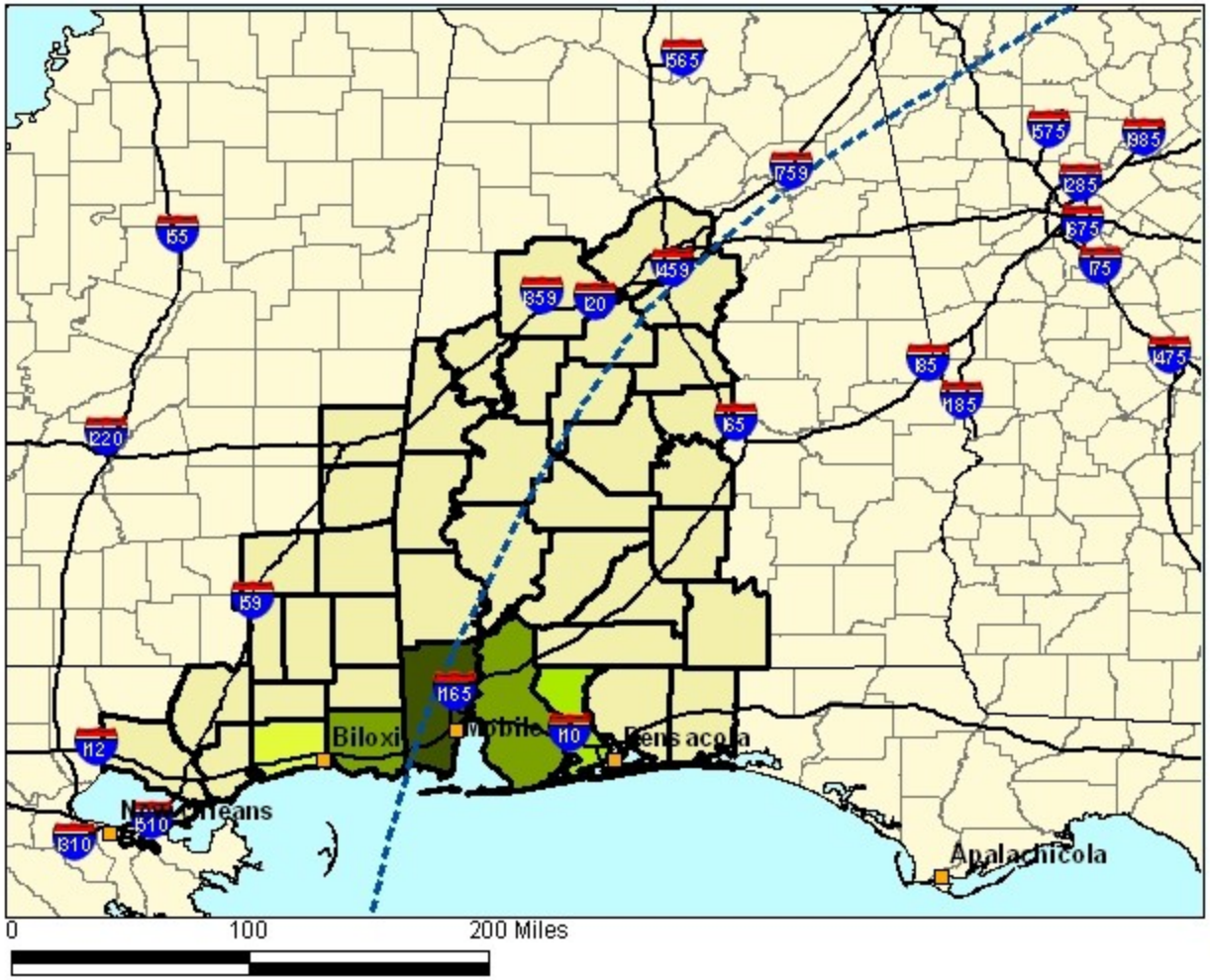

Post Landfall Temporary Roofing Model Results

Alabama - 54,900
Mississippi - 13,200
Florida - 8,500

Model results per county on following page

This model is based on a Category 5 storm making landfall near Mobile, AL.

Forecast Track

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 5 storm making landfall near Mobile, AL. These projections are based on information from the NHC (1100 EDT 04/11/2007) forecast. Temporary roofing is based on 2% in CAT 1, 5% in CAT 2, 10% in CAT 3, 18% in CAT 4 and 30% in CAT 5.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Craig Roofing Model	
Generated By: Siemsen, LRL 1130 EDT 04/11/2007	
Sources: HURREVAC LRL-DEBRIS	Page 13 of 16

US Army Corps of Engineers

Hurricane Craig Temporary Roofing Model

Landfall Plus About 6 Hours

For Official Use Only!

State	House Units per State	County	House Units per County
Alabama		Autauga	< 100
		Baldwin	8,400
		Bibb	200
		Butler	< 100
		Chilton	< 100
		Choctaw	200
		Clarke	1,000
		Conecuh	200
		Covington	< 100
		Dallas	400
		Escambia	700
		Greene	< 100
		Hale	300
		Jefferson	200
		Lowndes	< 100
		Marengo	500
		Mobile	40,200
		Monroe	600
		Perry	200
		Shelby	400
		Sumter	< 100
		Tuscaloosa	500
		Washington	600
		Wilcox	300
Alabama	54,900		
Florida		Escambia	5,700
		Okaloosa	1,200
		Santa Rosa	1,600
Florida	8,500		
Louisiana		Orleans	< 100

State	House Units per State	County	House Units per County
Louisiana		St Tammany	< 100
Louisiana			
Mississippi		Clarke	< 100
		Forrest	< 100
		George	700
		Greene	300
		Hancock	400
		Harrison	3,500
		Jackson	7,900
		Jones	< 100
		Lauderdale	< 100
		Pearl River	< 100
		Perry	< 100
		Stone	200
		Wayne	200
Mississippi	13,200		

THIS IS AN EXPERIMENTAL MODEL!!

Temporary roofing is based on 2% in CAT 1, 5% in CAT 2, 10% in CAT 3, 18% in CAT 4 and 30% in CAT 5.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Craig Roofing Model

Generated By:
Siemsen, LRL 1130 EDT 04/11/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Craig Hospitals

Landfall Plus About 6 Hours

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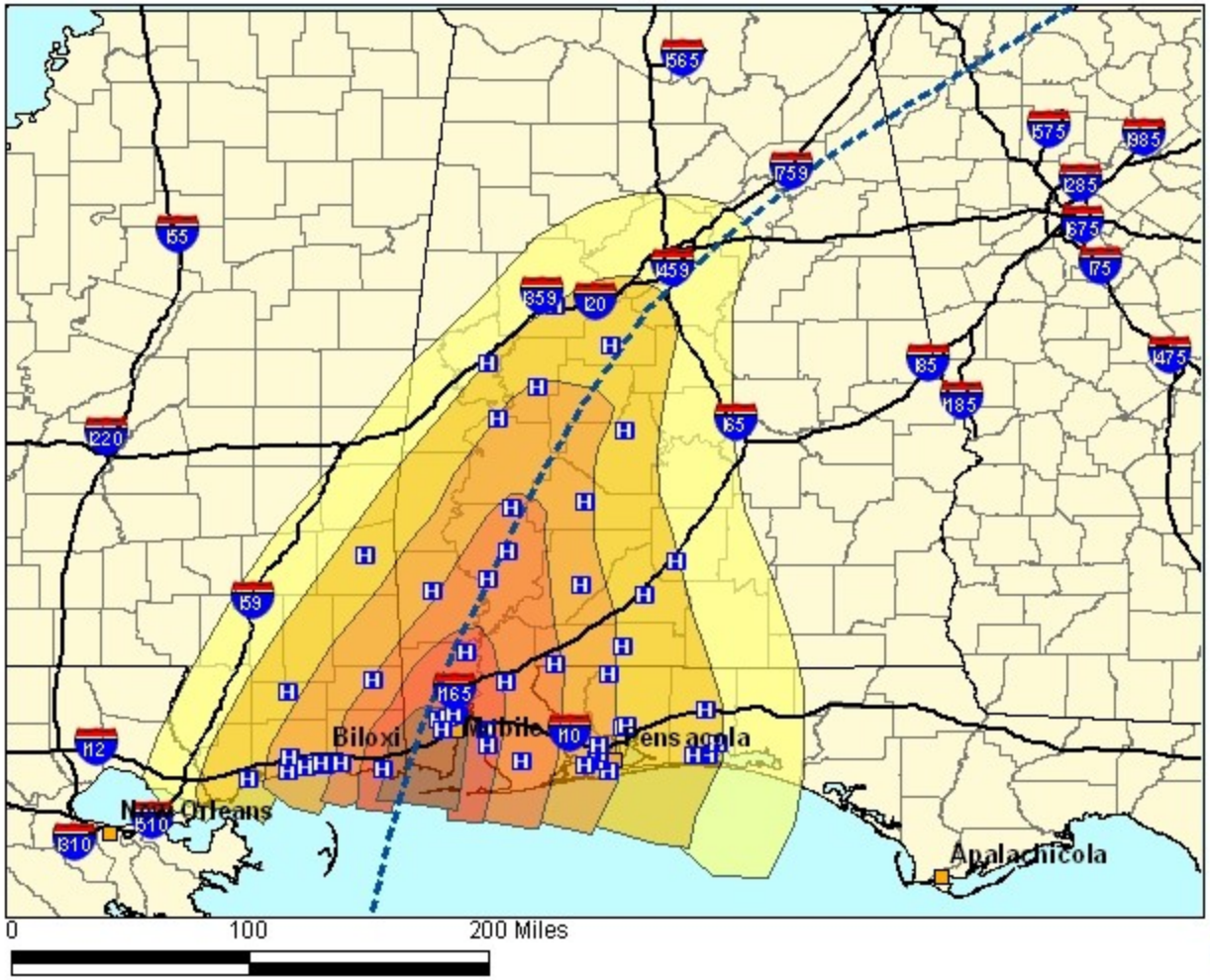

Most Probable Landfall Hospitals Inside Hurricane Force Winds

Alabama - 30
Mississippi - 16
Florida - 15

Model results per county on following page

This model is based on a Category 5 storm making landfall near Mobile, AL.

H Hospitals
Forecast Track

Information provided on this page displays a Category 5 storm making landfall near Mobile, AL. These projections are based on information from the NHC (1100 EDT 04/11/2007) forecast.
The number of hospitals included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Infrastructure Security Program).

Details about this model may be obtained at https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

Hurricane Craig Hospitals	
Generated By: Siemsen, LRL 1130 EDT 04/11/2007	
Sources: HURREVAC LRL-DEBRIS	Page 15 of 16

US Army Corps of Engineers

Hurricane Craig Schools

Landfall Plus About 6 Hours

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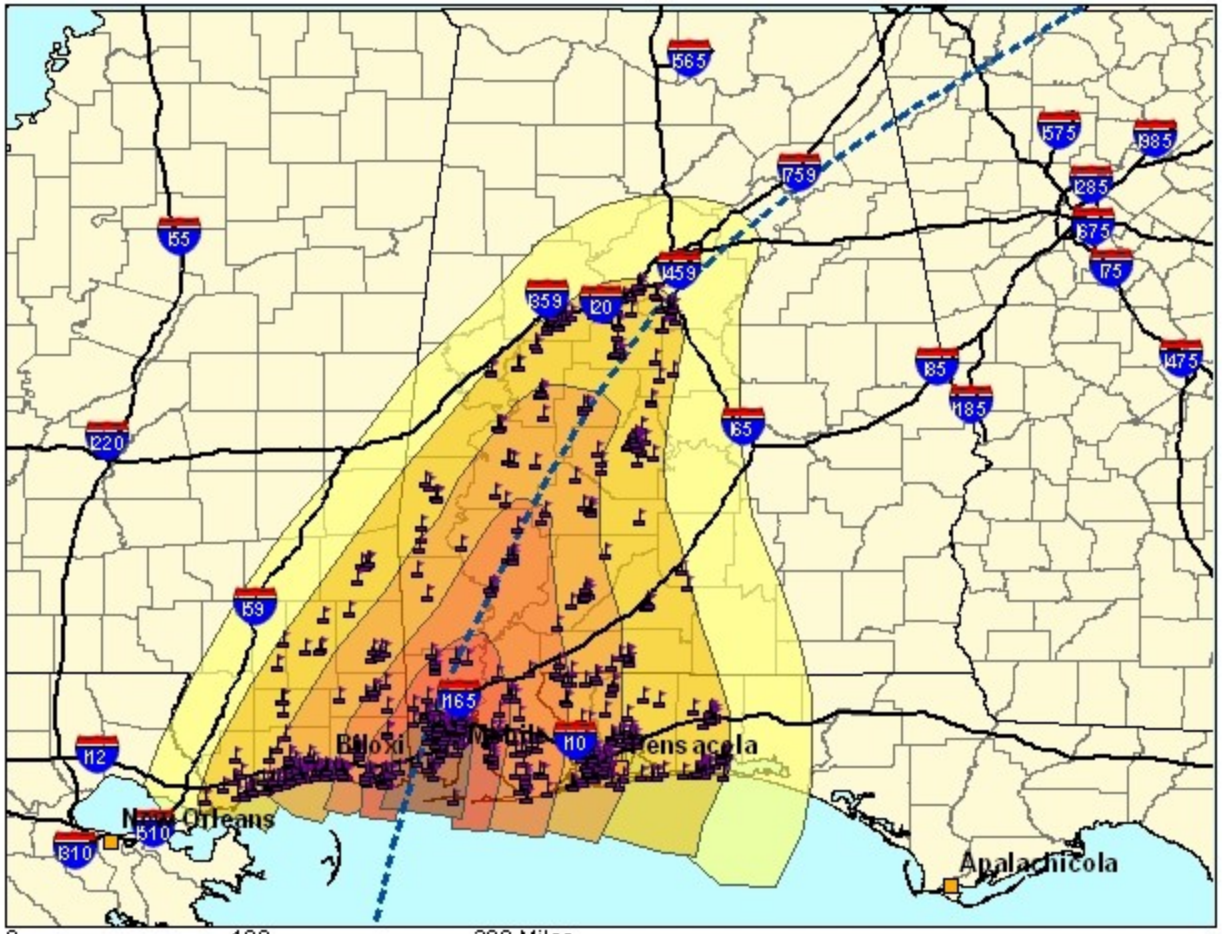

Most Probable Landfall Schools Inside Hurricane Force Winds

Alabama - 393
Mississippi - 181
Florida - 180

Model results per county on following page

This model is based on a Category 5 storm making landfall near Mobile, AL.

Schools
Forecast Track

Information provided on this page displays a Category 5 storm making landfall near Mobile, AL. These projections are based on information from the NHC (1100 EDT 04/11/2007) forecast.

The number of schools included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Infrastructure Security Program).

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Craig Schools	
Generated By: Siemsen, LRL 1130 EDT 04/11/2007	
Sources: HURREVAC LRL-DEBRIS	Page 16 of 16